



California Environmental Protection Agency
Department of Pesticide Regulation

The 2009/2010 Pest Management Alliance (PMA) Grants

Pest Management Advisory Committee (PMAC)
May 14, 2009

Subcommittee Report

Presentation Overview

- 2009/2010 Concept/Proposal Overview
- Alliance Grant Proposal Review
 - Subcommittee
 - Brief PMA Background - purpose
 - Scoring and Scores
 - Subcommittee Recommendation
- Discussion
- Wrap-up

Concept/Proposal Overview

2008/09

18 Concepts

9 Invited Proposals

9 submitted

3 funded

\$585,000

2009/10

30 Concepts

10 Invited Proposals

8 submitted

5 recommended

\$585,000

2007/08 Projects (\$585,000)

- Almond – Marcia Gibbs, CAFF, apply PMA I practices to new growers and new areas, \$217,860
- Ants – Mike Rust, UC Riverside, promote reduced risk pest management among pest control businesses in Orange County, \$183,488
- Grapes – Joe Browde, CA Sustainable Winegrowing Alliance, apply sustainable winegrowing practices to table and raisin grapes, \$183,640

2008/09 Projects (\$585,000)

- Peaches – Dr. Michael Johnson, UC Riverside, develop BIOS and corresponding market certification rewards for canning peaches in the San Joaquin Valley, \$195,000
- Urban Childcare – Dr. Amy Alcon, UC San Francisco, promote an IPM curriculum for urban childcare programs, \$215,000
- Water– John Brodie, San Joaquin County RCD, develop IPM program to prevent pesticide runoff to surface water, \$175,000

Alliance Grant Proposal Review

PMAC Alliance Grant Subcommittee

Thanks to 2009/2010 Alliance Review Subcommittee:

Rebecca Sisco, Chair

Brian Hill

Renee Rianda

Dave Tamayo

Stacy Carlson

Ann Katten

Pam Marrone

Bob Elliott

Marshall Lee

Background: What the Solicitation asks for –

A Pest Management Alliance is a collaborative team . . .
to implement integrated pest management (IPM)
practices . . .

- defined) widespread implementation and adoption of IPM . . .
- IPM (as in Urban Environments/Agriculture
 - for pesticides . . . found in water or air.
 - for reduction in VOC emissions

Background: (cont)

- Funding is limited to projects whose primary goal is implementation and adoption of IPM programs . . .
- Alliance projects must focus on increasing implementation of IPM programs with the goal of widespread adoption. Small-scale research can be a component of the overall project, but should not be the focus of the project or budget.
- Funding anticipated for up to five projects.

How Proposals Were Scored

1. Overview (20 points)
2. Goals and Objectives (10 points)
3. Adoption and Deliverables (10 points)
4. Measures of Success (10 points)
5. Team (15 points)
6. Scope of Work (25 points)
7. Budget (10 points)

The 7 main criteria above are divided into 16 sub-criteria.

Proposals Reviewed

- Integrated Pest Management Continuing Education for Maintenance Gardeners
- Healthy Homes Alliance
- Demonstration and Implementation of Integrated Pest Management in the Production of Bedding Plants, Container Color Plants
- Almond Pest Management Alliance Outreach and Evaluation Project

Proposals Reviewed (cont)

- Reducing Pesticide on Central Coast Strawberries
- Ornamental Nursery Alliance for Diaprepes Management
- Evaluation & Promotion of Advanced Shank Injection/Compaction Application Technology for Metam Sodium Application
- Kids in Gardens

Reviewer's Rank – (high to low) by Project

Project	Reviewer Scores									Avg.	Rank
Maintenance Gardeners	2	1	1	1	3	3	2	4	2	2.1	1
Healthy Homes	7	3	2	3	1	6		2	3	3.4	2
Bedding Plants	1	4	3	8		7	1	3	6	4.1	3
Almonds	4	2	6	2	7	5	4	6	1	4.1	4
Strawberries	6	7	5	4	4	4	3	1	7	4.6	5
Diaprepies	5	5	8	5	4	1	5	5	4	4.7	6
Metam Sodium	3	8	7	7	6	2	7	8	8	6.2	7
Kids Gardens	8	6	4	6	8	8	6	7	5	6.4	8

Integrated Pest Management Continuing Education for Maintenance Gardeners

Rank: 1

San Luis Obispo County Agricultural Commissioner's Office –
Ms. Tamara Kleeman

Requested: \$61,082, **Recommended funding: \$61,000**

Subcommittee Comments:

- Good project, IPM education and outreach to landscape professionals
- Important area of work, goals clearly stated
- Strong management team
- Good track record from previous project
- Project will use UC IPM bilingual training materials

Healthy Homes Alliance

Rank: 2

Physicians for Social Responsibility – Ms. Martha Dina Arguello

Requested: \$300,000, **Recommended funding: \$200,000**

Subcommittee Comments:

- Project to demonstrate model IPM program in low-income housing is well outlined
- Track record working in low-income housing
- Appropriate management team is assembled
- Partner organizations have good tenant relations

Reduce funding by \$100,000, reallocate available dollars for training. Group applied last year, lacking technical expertise. Added pest control professional to help in this area.

Demonstration and Implementation of Integrated Pest Management in the Production of Bedding Plants, Container Color Plants

Rank: 3

UC Davis – Dr. Michael Parrella

Requested: \$247,000, **Recommended funding: \$159,000**

Subcommittee Comments:

- Critical need for alternatives for nursery pesticides
- Project plan relies on existing knowledge with some research
- Strong team with respect to expertise and breadth of experience

Reduce funding by \$88,000, remove support involving Chlorine Dioxide. Make changes to other program areas as necessary to bring budget into alignment. Also, expand team to include PCAs and in-house nursery demonstration blocks.

Almond Pest Management Alliance Outreach and Evaluation Project

Rank: 4

Community Alliance with Family Farmers – Ms. Marcia Gibbs

Requested: \$200,000, **Recommended funding: \$100,000**

Subcommittee Comments:

- Existing team is impressive, people that “know their stuff “
- Almond industry supports and encourages IPM
- Additional funding will help continue momentum

Reduce funding by \$100,000 to specifically address pieces that move IPM strategies forward. Proposal does not clearly describe how the self-assessment tool would be used to increase adoption of IPM.

Reducing Pesticide on Central Coast Strawberries

Rank: 5

Cachuma Resource Conservation District – Ms. Claire Wineman

Requested: \$65,000, **Recommended funding: \$65,000**

Subcommittee Comments:

- Proposal has a good description of problem facing strawberries (pesticides, pests, etc.)
- Excellent plan to reach small and bilingual growers
- Project design is not perfect, however, budget is small
- Team partners and project audience needs further identification and explanation at project outset.

Ornamental Nursery Alliance for Diaprepes Management

Rank: 6

UC Riverside – Ms. Kris Godfrey

Requested: \$268,000, **Not recommended for funding**

Subcommittee Comments: This is a worthwhile area of research, but given the limited amount of dollars, the project is not recommended for funding. Would like to see more confirmed practices that could be implemented as ready to roll IPM strategies.

Evaluation & Promotion of Advanced Shank Injection/Compaction Application Technology for Metam Sodium Application

Rank: 7

Responsible Farmers Coalition – Mr. John Guerard

Requested: \$150,000, **Not recommended for funding**

Subcommittee Comments: This is important work, however, it is primarily research and does not meet grant criteria. Would like to see more emphasis on identification, adoption and implementation of IPM. DPR would like to see VOC-reducing proposals that fit IPM guidelines.

Kids in Gardens

Rank: 8

The Watershed Project – Mr. Harold Hedelman

Requested: \$96,000, **Not recommended for funding**

Subcommittee Comments: Overall, the idea is good but it lacked substance; it is civically strong but technically weak. List of deliverables is not clear, no clear idea that the program could continue after grant funding ended.

Subcommittee Recommendations

Fund

\$61,000 – Integrated Pest Management Continuing Education for Maintenance Gardeners

\$200,000 – Healthy Homes Alliance

\$159,000 – Demonstration and Implementation of Integrated Pest Management in the Production of Bedding Plants, Container Color Plants

\$100,000 – Almond Pest Management Alliance Outreach and Evaluation Project

\$65,000 – Reducing Pesticide Use on Central Coast Strawberries

\$585,000 – Total funding

Subcommittee Recommendations (cont.)

Not funded

Ornamental Nursery Alliance for Diaprepes Management

Evaluation & Promotion of Advanced Shank

Injection/Compaction Application Technology for Metam Sodium
Application

Kids in Gardens